

Centrally located in the Scottish city of Stirling the newly refurbished Stirling station is now a bright and welcoming location for the many thousands of travellers and staff who pass through every week. The original remit for the works was to provide glass replacement like for like with roof mounted access structures for maintenance and we improved safety. The Network Rail York Team investigated a number of solutions and liaised with Twinfix to come up with a cost saving option to replace the roof with polycarbonate panels and access hatches to save the expense of a roof mounted access structure.

Twinfix worked on the specification for the new roof glazing to provide a sympathetic restoration. We provided new glazing that looked in keeping with the original, but with the advantage of being non-fragile, virtually unbreakable and very easy and quick to install. Our Multi-Link-Panel was re-designed especially for this project with the base of the bar being reduced from 70mm to 50mm. Using 3D modelling technology we re-designed our bar allowing network rail to approve the actual design before we manufactured it.

Products

- 2,440 Multi-Link Non Fragile panels glazed with Georgian wired polycarbonate
- 174 Access hatches

Product Benefits

- Mimics the appearance of the traditional Georgian wired glass that is was used to replace, however as polycarbonate is incredibly strong it will not break.
- Our modular Multi-Link-Panel system comes to site pre-assembled so is very quick to install.
- The access hatches blend into the glazing, but provide access to allow maintenance tasks to take place.
- We use up to date technology such as our 3D printer which enabled us to adapt our design to suit the needs of the customer.
- Cost saving as no overhead access system required
- Improved safety as no access on the roof needed

Main Contractor	Client	Designer
Story Contracting	Network Rail	Arup

